

ABSTRACT OF THE DISCLOSURE

A simulated neon-light tube assembly (10) that is comprised of four major elements: a transparent tube (12) having a closed front end (16) and an open rear edge (18), a light-diffusing material (24), a light source (50) and a power source (60). The light-diffusing material (24) consists of stacks of thin acetate, or a like material, which are rolled and inserted into the tube (12) through the tube's open rear edge (18). The light source (50) can consist of a single LED (52) or an LED cluster. In either case, the LED(s) are located within a light-power assembly (70) that encloses the LED (52). The power source (60) for the LED can consist of an internal battery located within the assembly (70) or the assembly (70) can include a cable that is connected to an external battery. In either design, when the LED (52) illuminates, the light travels through the light emitting material (28) to cause the simulation of a neon-light.